

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/828,447

DATE: 09/07/2001

TIME: 14:12:21

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Output Set: N:\CRF3\09072001\I828447.raw

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3 <110> APPLICANT: COSTA E SILVA, OSWALDO DA
4 BOHNERT, HANS J.
5 VAN THIELEN, NOCHA
6 CHEN, ROUYING
7 ISHITANI, MANABU
9 <120> TITLE OF INVENTION: SIGNAL TRANSDUCTION STRESS-RELATED PROTEINS AND METHODS
10 OF USE IN PLANTS
12 <130> FILE REFERENCE: 16313-0037
14 <140> CURRENT APPLICATION NUMBER: 09/828,447
C--> 15 <141> CURRENT FILING DATE: 2001-08-20
17 <150> PRIOR APPLICATION NUMBER: 60/196,001
18 <151> PRIOR FILING DATE: 2000-04-07
20 <160> NUMBER OF SEQ ID NOS: 41
22 <170> SOFTWARE: PatentIn Ver. 2.1
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32 ggatagcaag tcctctctag atgacgccaa gcacctagtg gagttgattc ggaatgagag 180
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38 cacactcacc agtcagttg ctttcgagaa gtgcataaaa gccatcaagg ccaacgcgtt 540
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53 <223> OTHER INFORMATION: a, t, c, g, other or unknown
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58 ttactattga ggatcatctt acaagcgaat tacagggcca tgctgcagag attttagagc 180
59 aaattctcgg agacgccctg tattatccac ccacaactga tgcattagtg gagtttctct 240
60 caccgagtc actgaagagg aagatcataa tctccaccaa accgccgaag gagtatctcg 300
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 78 cctcatccta gccaacgaag gaaagaaaaa agagaaaaa aaaggacaaa agaggaaatc 180
 79 tatgaacagc cagtctctac gcagaacaaa ataggcaaga catgtcatac aaccgccagc 240
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 83 ttatctctaa gtatgtgcat gatcaatgtg ctgtccttgt acgactcctc actcaatgtg 480
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 96 ctatgcaatg taaaggaaac gcagacacaa gaggagacgg aaaaaacaat agaggcagga 1260
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 118 <223> OTHER INFORMATION: a, t, c, g, other or unknown

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 123 tacataaacc agtgctaatt gttctgggaa gtcgagcaca tatccgtacc agcctcaact 180
 124 tagtcgcctg gacatgagtt tctattctaa gttctagtgg tcatcancat cttcgacctt 240
 125 ggaatccttt cttcttcac caatgncgtc ctgcatactt gaagtccata aggtaagggtt 300
 126 atcccgagc agctgcataa tgagagtact gtctttgtag gattcctctc ctaagggtatc 360
 127 taactcagag atagcttcat caaagcctg cttggcaaga tggcatgctc ggtctggaga 420
 128 aaccaaatt tcgtagtaaa agacagaaaa attcaaagcc aatccaatc tgatctcgtg 480
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 186 <212> TYPE: DNA
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 192 gcgagagaga gagagagaga gagagagaga ttgggagttg aggcgaaggg gaggtgtcgg 180
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233 <213> ORGANISM: Physcomitrella patens

235 <400> SEQUENCE: 7

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282 gaatcgatga agaaggttgc caagcttgat gtggagctga cagtagagga gcgaaatctc 180
283 ttgtccgtgg gttataagaa tgtcatcgga gcccgagggg cgtcatggcg gatcatgtca 240
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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

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